

(FILE 'HOME' ENTERED AT 15:19:51 ON 22 DEC 2002)

FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH,  
USPATFULL, JAPIO' ENTERED AT 15:20:08 ON 22 DEC 2002

L1 1176 S YNES  
L2 4 S S-YNES  
L3 4 S L1 AND L2  
L4 0 S L1 AND FRITZ  
L5 0 S L1 AND YOUNGMAN

FILE 'STNGUIDE' ENTERED AT 15:22:41 ON 22 DEC 2002

L6 0 S L1 AND STREPTOCOCCUS  
L7 0 S L1 AND BACILLUS

=>

=> FIL BIOSIS,CABA,CAPLUS,EMBASE,LIFESCI,MEDLINE,SCISEARCH,USPATFULL,JAPIO  
COST IN U.S. DOLLARS                      SINCE FILE              TOTAL  
   ENTRY              SESSION  
FULL ESTIMATED COST                      0.21              0.21

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FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH,  
USPATFULL, JAPIO' ENTERED AT 15:20:08 ON 22 DEC`2002

=> s ynes  
L1              1176 YNES

=> s S-ynes  
L2              4 S-YNES

=> s l1 and l2  
L3              4 L1 AND L2

=> s l1 and fritz  
L4              0 L1 AND FRITZ

=> s l1 and youngman  
L5              0 L1 AND YOUNGMAN

=> d l3 1-3 ibib abs

L3    ANSWER 1 OF 4    BIOSIS    COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER:    2003:6608    BIOSIS  
DOCUMENT NUMBER:    PREV200300006608  
TITLE:              Use of **YNES**, essential bacterial genes and  
                                 polypeptides.  
AUTHOR(S):           Fritz, Christian; Youngman, Philip; Guzman, Luz-Maria  
                         ASSIGNEE: Millennium Pharmaceuticals, Inc.

PATENT INFORMATION: US 6472377 October 29, 2002

SOURCE: Official Gazette of the United States Patent and Trademark  
Office Patents, (Oct. 29 2002) Vol. 1263, No. 5, pp. No  
Pageination. <http://www.uspto.gov/web/menu/patdata.html>.  
e-file.  
ISSN: 0098-1133.

DOCUMENT TYPE: Patent

LANGUAGE: English

AB Disclosed is a gene, termed "**S-yneS**," found in  
Streptococcus pneumoniae, which is essential for survival for a wide range  
of bacteria. This gene and the **S-yneS** polypeptide that  
it encodes, as well as homologs and orthologs thereof (collectively  
referred to as "**yneS**" genes and polypeptides) can be used to  
identify antibacterial agents for treating a broad spectrum of bacterial  
infections.

L3 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:241551 CAPLUS

DOCUMENT NUMBER: 132:290973

TITLE: An essential gene of Gram-positive bacteria,  
**yneS**, and its gene product and possible  
therapeutic use

INVENTOR(S): Fritz, Christian; Youngman, Philip; Guzman, Luz-maria

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000020627	A1	20000413	WO 1999-US22665	19990930
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6472377	B1	20021029	US 1998-163445	19980930
AU 9962772	A1	20000426	AU 1999-62772	19990930
US 2002115591	A1	20020822	US 2002-68080	20020205
PRIORITY APPLN. INFO.:			US 1998-163445 A	19980930
			US 1997-70116P P	19971231
			WO 1999-US22665 W	19990930

AB Disclosed is a gene, termed "**S-yneS**", found in  
Streptococcus pneumoniae and "**B-yneS**" in Bacillus subtilis,  
which is essential for survival for a wide range of bacteria. This gene  
and the **S-yneS** polypeptide that it encodes, as well as  
homologs and orthologs thereof (collectively referred to as "**yneS**  
" genes and polypeptides) can be used to identify antibacterial agents for  
treating a broad spectrum of bacterial infections.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 4 USPATFULL

ACCESSION NUMBER: 2002:283267 USPATFULL

TITLE: Use of **YNES**, essential bacterial genes and  
polypeptides

INVENTOR(S): Fritz, Christian, Natick, MA, United States  
Youngman, Philip, Boston, MA, United States  
Guzman, Luz-Maria, Boston, MA, United States

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6472377	B1	20021029
APPLICATION INFO.:	US 1998-163445		19980930 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-70116P	19971231 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Smith, Lynette R. F.	
ASSISTANT EXAMINER:	Baskar, Padma	
LEGAL REPRESENTATIVE:	Fish & Richardson P.C.	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 4 Drawing Page(s)	
LINE COUNT:	1505	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed is a gene, termed "**S-yneS**," found in *Streptococcus pneumoniae*, which is essential for survival for a wide range of bacteria. This gene and the **S-yneS** polypeptide that it encodes, as well as homologs and orthologs thereof (collectively referred to as "**yneS**" genes and polypeptides) can be used to identify antibacterial agents for treating a broad spectrum of bacterial infections.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
	22.05	22.26
FULL ESTIMATED COST		
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
	-0.62	-0.62
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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Dec 20, 2002 (20021220/UP).

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